

# Lesson 12: Lots and Lots of Garbage

- Let's investigate what happens to garbage.

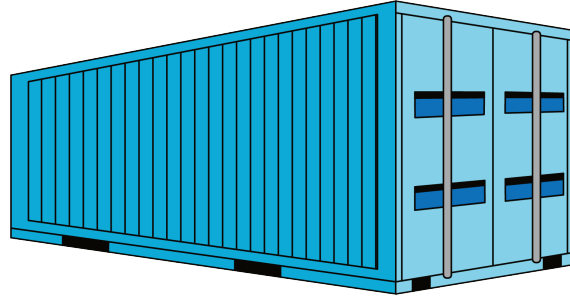
## Warm-up: Notice and Wonder: Garbage Truck

What do you notice? What do you wonder?



## 12.1: 60 Containers

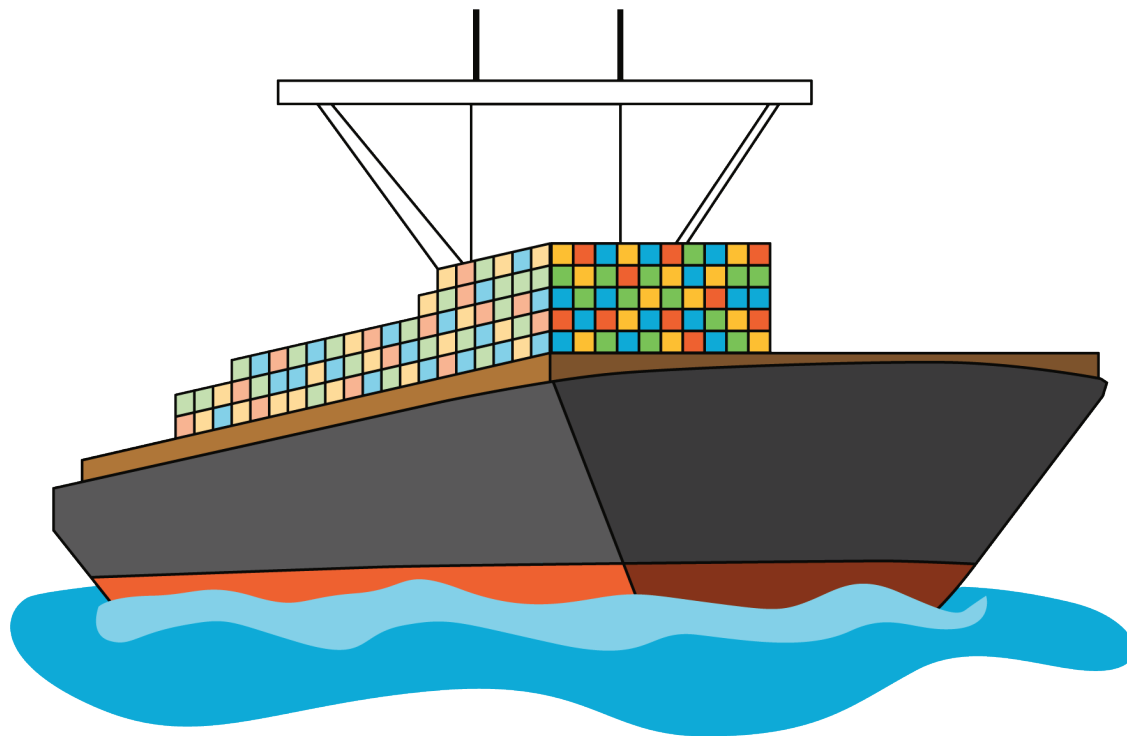
1. Find at least 5 different ways to arrange 60 containers. Represent each arrangement with an expression.



2. Create a visual display to show which is the best arrangement for shipping the 3,300 tons of garbage.

## 12.2: How Many Containers on the Ship?

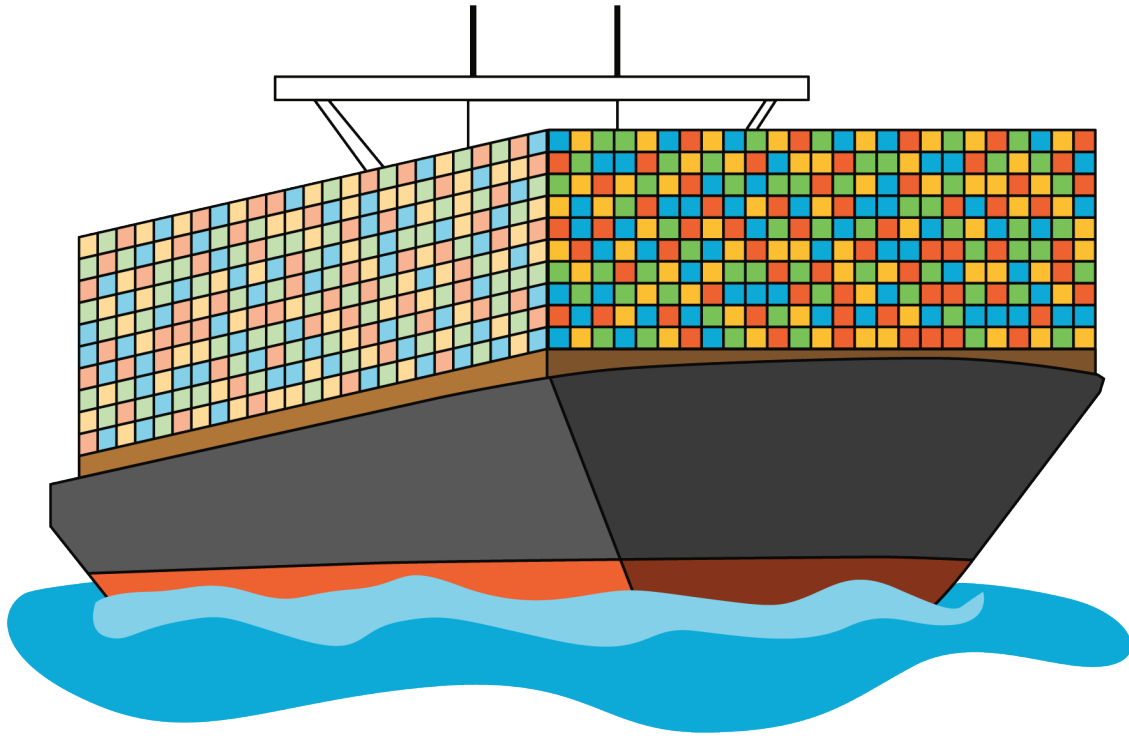
1. How many containers are on the cargo ship?



Record an estimate that is:

too low	about right	too high

2. How many containers are on the cargo ship?



Record an estimate that is:

too low	about right	too high

3. What assumptions were you making when you came up with your estimates?